

## SECTION 07900 — JOINT SEALERS

## PART 1 GENERAL

## 1.01 SECTION INCLUDES

- A. Clean and prepare joint surfaces.
- B. Provide sealant and backing materials.

## 1.02 SUBMITTALS

- A. Submit product data and samples under provisions of section 01300 "Submittals."
- B. Product Data: Include manufacturer's surface preparation and installation instructions.
- C. Samples: Samples of sealant colors.

## PART 2 PRODUCTS

## 2.01 SEALANT MATERIALS

- A. Sealant: Silicone base, single component, gun-grade, nonsagging; nonstaining; nonbleeding; color selected by the Contracting Officer's Representative (COR); Dow Corning "795," or equal (no known equal).
- B. Tape Sealant: Butyl base tape sealant at all concealed joints.
- C. Substitutions: Under provisions of section 01300 "Submittals."

## 2.02 ACCESSORIES

- A. Primer: Nonstaining type, recommended by sealant manufacturer to suit application.
- B. Joint Cleaner: Noncorrosive and nonstaining type, recommended by sealant manufacturer; compatible with joint-forming materials.
- C. Joint Backing: Closed cell neoprene or polyethylene compatible with sealant material of sizes and shapes as recommended by joint sealant manufacturer.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A. Prior to the beginning of the installation, notify the COR that the joint dimensions and physical and environmental conditions are suitable for the application of joint sealers.
- B. By beginning the work of this section, the Contractor warrants it has examined and verified that the existing conditions are in accordance with the provisions of preceding paragraphs of subpart 3.01.

**3.02 PREPARATION**

- A. Clean, prepare, and size joints in accordance with manufacturer's instructions. Remove any loose materials and other foreign matter that might impair adhesion of sealant.
- B. Verify that joint-shaping materials and release tapes are compatible with sealant.
- C. Examine joint dimensions and size materials to achieve required width/depth ratios.
- D. To allow sealants to perform properly, use joint filler to achieve required joint depths.

**3.03 INSTALLATION**

- A. Install sealant in accordance with manufacturer's instructions.
- B. Apply sealant within recommended temperature ranges. Consult manufacturer when sealant cannot be applied within recommended temperature ranges.
- C. All sealants shall be concealed unless noted otherwise on the drawings.
- D. Place sealant back-up rod so that sealant depth will not be greater than one half the joint width nor less than 1/4 inch.

END OF SECTION